

# **WASTE MANAGEMENT COUNCIL**

**Minutes of September 20, 2007**

**State of New Hampshire  
Department of Environmental Services  
29 Hazen Drive, Room 112, 113, and 114  
Concord, New Hampshire 03301**

**MEMBERS PRESENT:** G. Bradley Richards, Chairman; Ronald Allard; Michael Blayney; Charles Connell; Stephen Crean; Arthur Cunningham; Nancy Kinner; Elaine Lauterborn; and Duncan Watson.

**NHDES:** Michael Guilfoy, Solid Waste Management Bureau  
Gretchen Hamel, Commissioner's Office, Legal Unit  
Frederick J. McGarry, Waste Management Division

**GUESTS:** Jenna Jambeck, University of New Hampshire

## **(1) Introduction**

- (A) Chairman Richards brought the meeting to order at 10:05 a.m. verifying that a quorum was present.

## **(2) Pending Business**

- (A) Acceptance of Minutes for Meeting August 16, 2007: A motion was made to accept the Minutes of the August 16, 2007 meeting. Motion made by Ms. Lauterborn, seconded by Ms. Kinner. Mr. Blayney abstained.
- (B) Schedule of Next Meeting: The next meeting is scheduled for October 18, 2007 and will be held at the NHDES offices.

## **(3) Appeals Update**

Docket Number: 07-08 WMC

Appellant: City of Nashua  
Subject of Appeal: Nashua Four Hills Landfill – Type 1-A Permit  
Modification and Waiver  
Permit No. DES-SW-SP-005

Appeal stayed pending DES determination regarding whether to consider waiver/new application.

Docket Number: 07-20 WMC

Appellant: Shaw Environmental, Inc.  
Subject of Appeal: July 24, 2007 Groundwater Remedial Services Award to  
Weston Solutions, Inc.

Arthur Cunningham stated that he recuses himself from this Hearing (i.e., anything to do with Shaw Environmental, Inc.).

A motion was made to accept the Notice of Appeal. Motion made by Mr. Allard, seconded by Ms. Kinner. Mr. Cunningham abstained.

An appeal hearing is scheduled for October 18, 2007 at the NHDES offices

**(4) Guest Speaker: Jenna R. Jambeck**  
**University of New Hampshire**

Ms. Jambeck updated the Council regarding her UNH Solid Waste Research. The following was the research focus:

- Solid and hazardous waste;
- Contaminant fate and transport related to waste beneficial use;
- Chemical and biological processes within disposal systems;
- Life-cycle approaches to waste management;
- Sustainable and innovative waste management practices; and
- Marine debris.

Ms. Jambeck also discussed details of the following selected projects:

- An Investigation of Recycled Materials to Attenuate Hydrogen Sulfide from the Beneficial use of Construction and Demolition (C&D) Debris Fines at a Landfill
- Environmental and Economic Issues with Recycling Construction and Demolition Debris (Collaboration with UNH College of Liberal Arts and Sciences)
- Modeling of Hydrogen Sulfide Generation from Processed construction and demolition material in landfills (SCS Engineers)
- Microbial fuel cells in landfill applications
- A Systematic Approach to marine Debris Reduction Efforts and Education in New Hampshire
- Marine Debris from Land to Sea: Holistic Characterization, Reduction and Education Efforts in New Hampshire
- Life-cycle Assessment of New Hampshire C&D Wood Waste Management

Ms. Jambeck reviewed the information with the Council members and answered the Council's questions.

**(5) Adjournment**

At 12:05 p.m., Ms. Kinner moved to adjourn the meeting. Mr. Cunningham seconded. The Council unanimously agreed to adjourn.

*Respectfully submitted by Almorinda M. Samson, Waste Management Council Clerk. A copy of the audio taped recording of this meeting is available upon request. Please contact Ms. Samson at (603) 271-2905 for more information.*